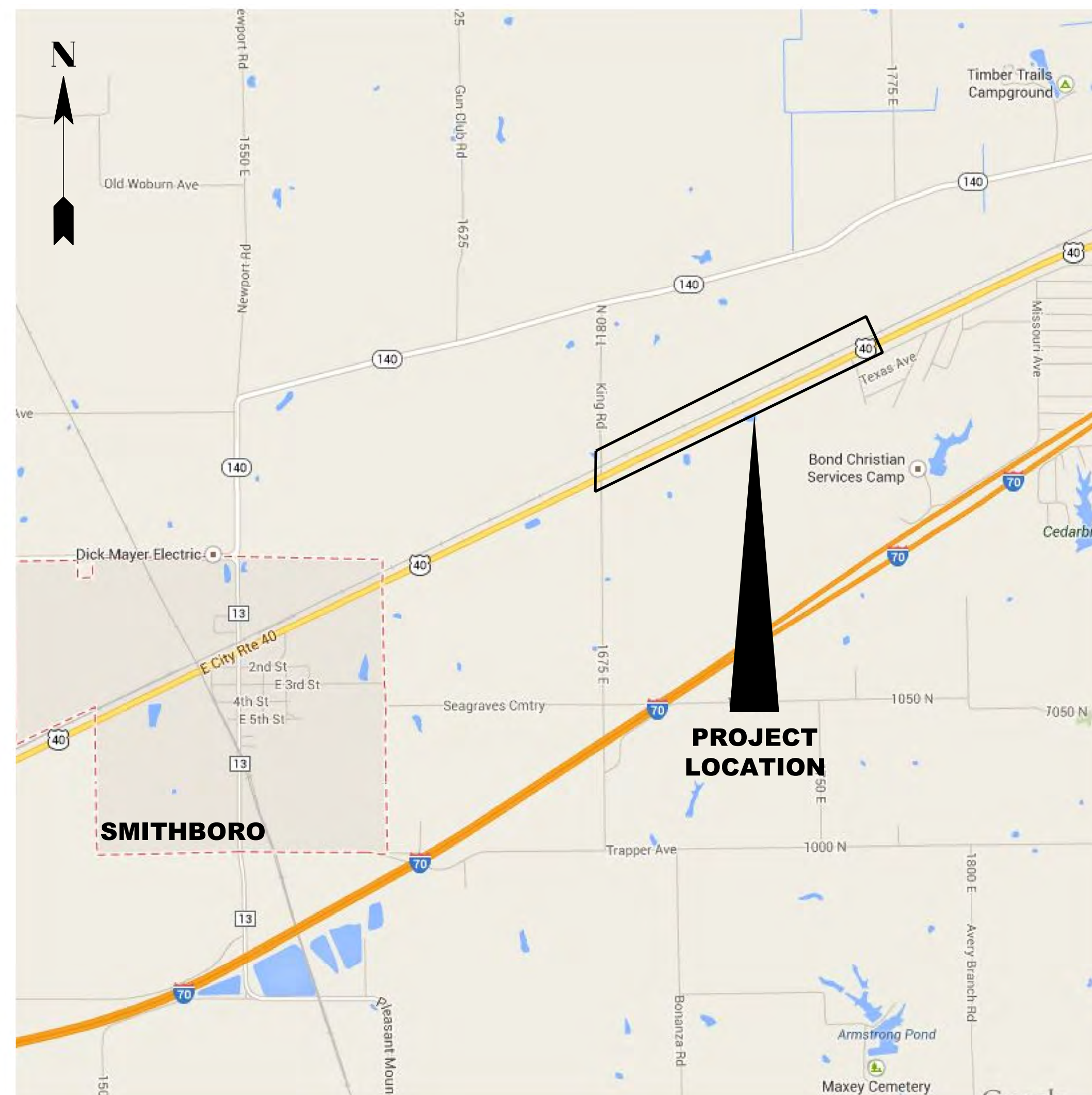




# PROPOSED CSX/BNSF INTERCHANGE FACILITY EXPANSION

## SMITHBORO, BOND COUNTY, ILLINOIS

### KING ROAD RELOCATION PLANS



## INDEX OF DRAWINGS

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6	RDY-6	PLAN AND PROFILE - STA. 9+00.00 TO STA. 24+00.00
7	RDY-7	PLAN AND PROFILE - STA. 24+00.00 TO STA. 34+77.63
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13	XSR-4	CROSS SECTIONS - STA. 2+00.00 TO STA. 2+17.53
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16	XSR-7	CROSS SECTIONS - STA. 5+50.00 TO STA. 8+00.00
17	XSR-8	CROSS SECTIONS - STA. 8+50.00 TO STA. 11+00.00
18	XSR-9	CROSS SECTIONS - STA. 11+50.00 TO STA. 14+00.00
19	XSR-10	CROSS SECTIONS - STA. 14+50.00 TO STA. 17+00.00
20	XSR-11	CROSS SECTIONS - STA. 17+50.00 TO STA. 20+00.00
21	XSR-12	CROSS SECTIONS - STA. 20+50.00 TO STA. 22+00.00
22	XSR-13	CROSS SECTIONS - STA. 22+42.00 TO STA. 23+00.00
23	XSR-14	CROSS SECTIONS - STA. 23+50.00 TO STA. 26+00.00
24	XSR-15	CROSS SECTIONS - STA. 26+50.00 TO STA. 29+00.00
25	XSR-16	CROSS SECTIONS - STA. 29+50.00 TO STA. 32+00.00
26	XSR-17	CROSS SECTIONS - STA. 32+50.00 TO STA. 33+00.00
27	XSR-18	CROSS SECTIONS - STA. 33+50.00 TO STA. 35+55.08
28	XSR-19	CROSS SECTIONS - STA. 36+00.00



4/5/2015

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## GENERAL NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CSX TRANSPORTATION STANDARD SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PRIVATE SIDE TRACKS AND THE CSX TRANSPORTATION ENGINEERING DEPARTMENT MAINTENANCE OF WAY FIELD MANUAL.
  2. THE WORK SHALL ALSO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2014 BY IDOT. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, REGULATIONS, ORDERS, ORDINANCES, CODE PROVISIONS, AND APPROVALS PERTAINING TO ALL AGREEMENTS, PLANS, ESTIMATES, SPECIFICATIONS, AWARDS OF CONTRACTS, ACCEPTANCE OF WORK, AND PROCEDURE IN GENERAL.
  3. REFERENCE TO AREMA SPECIFICATIONS SHALL MEAN THE AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION MANUAL FOR RAILWAY ENGINEERING AND PORTFOLIO OF TRACK WORK PLANS.
  4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 or 811 FOR FIELD LOCATIONS OF BURIED UTILITIES, INCLUDING BUT NOT LIMITED TO, ELECTRIC, TELEPHONE AND GAS FACILITIES (48-HOUR NOTIFICATION).
  5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTOR'S EXPENSE.
  6. THE CONTRACTOR SHALL GIVE CSX TWENTY-ONE (21) DAYS PRIOR WRITTEN NOTICE OF THE COMMENCEMENT DATE OF THE WORK AND ANY RELATED WORK, OR ANY PHASE THEREOF. THE CONTRACTOR SHALL NOT PERFORM ANY WORK ON CSX PROPERTY WITHOUT AUTHORIZATION FROM THE RAILROAD FLAGMAN.
  7. THE CONTRACTOR SHALL PROVIDE THAT, EXCEPT FOR CIRCUMSTANCES BEYOND ITS CONTROL, THERE SHALL BE NO TRAIN DELAYS OR INTERFERENCE WITH CSX OPERATIONS DURING CONSTRUCTION AND THE CONTRACTOR SHALL NOT UNDULY DELAY OR INTERFERE WITH CSX IN PERFORMING CSXS RELATED WORK AND SHALL TAKE ALL STEPS REASONABLY NECESSARY OR REQUESTED BY CSX TO FACILITATE CSXS RELATED WORK.
  8. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH THE OWNER/ENGINEER AND UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTIVITIES OF SUBCONTRACTORS TO INCLUDE OBSERVANCE OF ANY SPECIAL RULES IN EFFECT AT THE SITE.
  9. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR CLASS II SAFETY VESTS AT ALL TIMES THAT MEET THE ANSI 207 STANDARD WHILE ON THE CONSTRUCTION SITE. THE CONTRACTOR SHALL ALSO MEET RAILROAD PPE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, ANSI APPROVED HARD HAT, SAFETY TOE SHOES, HEARING PROTECTION AND SAFETY GLASSES. COMPLIANCE WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
  10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.
  11. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION FROM OWNER/ENGINEER PRIOR TO PROCEEDING WITH ANY EXTRA WORK AND SUBMIT DAILY TIME SHEETS, MATERIAL TICKETS AND ANY OTHER INFORMATION REQUIRED BY THE ENGINEER FOR SUCH WORK NO LATER THAN THE NEXT WORKING DAY.
  12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY UTILITIES DURING CONSTRUCTION, INCLUDING SANITARY FACILITIES, POTABLE WATER, ELECTRICITY FOR TOOLS AND MACHINERY, AND ANY OTHER REQUIRED UTILITIES.
  13. DRIVEWAYS ARE TO BE CONSTRUCTED TO WITHIN ONE (1) FOOT OF THE R.O.W., UNLESS OTHERWISE NOTED.
  14. ALL GRADING WORK SHALL CONFORM TO THE SPECIAL PROVISIONS. THE FINISHED SUBGRADE SHALL CONFORM TO SUCH ELEVATIONS AS SHOWN OR OTHERWISE NOTED ON THE PLANS, WITHIN A TOLERANCE OF 0.1-FOOT. ALL MATERIAL REMOVED PRIOR TO GRADING OR FOR SITE RESTORATION, EXCEPTING THAT RESERVED BY OWNER/ENGINEER, SHALL BE PROPERLY DISPOSED OFF-SITE BY CONTRACTOR.
  15. BARRICADES: ON ALL TYPE II BARRICADES THE CONTRACTOR SHALL INSTALL TWO WEIGHTED SAND BAGS ON EACH BARRICADE USED, ONE WEIGHTED SAND BAG SHALL BE LAID ACROSS EACH BOTTOM RAIL.
  16. WHERE SECTION, SUBSECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE IMPACTED, THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
  17. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
  18. ROADWAY WIDTHS AND RADII ARE GIVEN TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
  19. QUANTITIES SHOWN ON THE PLANS ARE ESTIMATED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY QUANTITIES PRIOR TO BIDDING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OR OWNER PRIOR TO BIDDING.
  20. PROPOSED PROFILE GRADES ARE SHOWN TO PROVIDE A WELL DRAINED SITE AND STREET. IT IS THE CONTRACTORS RESPONSIBILITY TO CONSTRUCT THE ROADWAY SURFACE TO PROVIDE DRAINAGE OFF THE STREET TO ANY EXISTING DRAINAGE FACILITIES. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY INFORMATION PROVIDED ON THESE PLANS OR THROUGH FIELD STAKING THAT WILL NOT PROVIDE A WELL DRAINED STREET OR SITE.
  21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
  22. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES OR PROVIDE A 2 FT WIDTH EARTH FILL PAD FOR DRUMS TO MEET MINIMUM BARRICADE HEIGHT (SEE STAGING TYPICAL CROSS SECTION SHEETS). THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
  23. ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY A GRADE CROSSING WHICH STATES: "WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE."

4520 7/18/2015 submittal				 <div> <div>CSX TRANSPORTATION</div> <div>500 WATER STREET</div> <div>JACKSONVILLE, FL 32202</div> </div>	 <div> <div>PATRICK ENGINEERING INC.</div> <div>4970 VARSITY DRIVE</div> <div>LISLE, IL 60532</div> <div>TEL (630) 795-7200</div> <div>FAX (630) 724-1620</div> <div><a href="http://www.patrickco.com">http://www.patrickco.com</a></div> </div>	GENERAL NOTES	SCALE	GRAPHIC	DATE	01/23/2015
							DESIGNED BY	GDB	PEI PROJ. No.	21434.007
							DRAWN BY	GDB	SHEET NO.	<b>RDY-2</b> 2 OF 9 SHEETS
							CHECKED BY	SPH		
							APPROVED BY	PML		
REV. No.	DATE	DESCRIPTION				CSX/BNSF INTERCHANGE FACILITY EXPANSION SMITHBORO, BOND COUNTY, ILLINOIS				